

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED 9-29-65

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-09712-A INDIAN _____

DRILLING APPROVED: In Unit 9-14-65

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: 6200' Gr.

DATE ABANDONED: Location abandoned 9-30-65

FIELD: 3/4 Ferron

UNIT: Ferron

COUNTY: Emery

WELL NO. FERRON UNIT #41-33

LOCATION 660' FT. FROM (N) (S) LINE, 660' FT. FROM (E) (W) LINE. C NE NE 1/4 - 1/4 SEC. 33

A.P.I. 43-015-10797

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
20 S	7 E	33	PACIFIC NAT. GAS. EXP. CO.				

9-30-65 9:10 A.M.

Mr. Rod Gudio called Elson Feight.
This location has been abandoned. A
notice of intention to drill well
be filed for the Seeson Unit # 23-9

FILE NOTATIONS	
Entered in NID File _____	Checked by Chief <u>PMB</u>
Entered On S R Sheet _____	Copy NID to Field Office _____
Location Map Pinned <u>✓</u>	Approval Letter _____
Card Indexed _____	Disapproval Letter _____
IWR for State or Fee Land _____	
COMPLETION DATA:	
Date Well Completed _____	Location Inspected _____
OW _____ WW _____ TA _____	Bond released _____
GW _____ OS _____ PA _____	State of Fee Land _____
LOGS FILED	
Driller's Log _____	
Electric Logs (No.) _____	
E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____	
Lat _____ MI-L _____ Sonic _____ Others _____	

11/9
4290

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-09712-A	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Not Applicable	
2. NAME OF OPERATOR Pacific Natural Gas Exploration Company		7. UNIT AGREEMENT NAME Ferron	
3. ADDRESS OF OPERATOR P. O. Box 2436, Salt Lake City, Utah 84110		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 660' FEL of Sec 33, T 20S, R 7E At proposed prod. zone ONE NE		9. WELL NO. 41-33	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4-1/4 miles South of the town of Ferron, Utah		10. FIELD AND POOL, OR WILDCAT Field	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE 1/4 NE 1/4 Sec 33, T 20S, R 7E	
16. NO. OF ACRES IN LEASE 1643.30		12. COUNTY OR PARISH Emery	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 1250'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 10-15-65	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6200' Ground			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	26.40#	150'	65 Sacks
6-3/4"	4-1/2"	9.5#	1250'	125 Sacks

(See attached drilling proposal)

drilling Unit #37

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED E. E. Loman TITLE Drilling Superintendent DATE _____
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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CONDITIONS OF APPROVAL, IF ANY:

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DRILLING PROGRAM
FOR
FERRON UNIT NO. 12-3
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 3, T 21S, R 7E
Emery County, Utah
Development Well

1. Build road and location, move in, rig up and drill 165' of 9-7/8" hole with mud as a circulating medium.
2. Run 150' of 7-5/8", 26.40#/foot, J-55, S.T.& C. casing. Cement with sufficient quantity of cement with 2% CaCl₂ to circulate to surface.
3. W.O.C. 16 hours. After 8 hours, install casing head and B.O.P. Pressure test with 1,000# for 15 minutes.
4. After 16 hours, drill out with 6-3/4" bit using air as a circulating medium.
5. Expected formation tops are as follows:

Surface	Blue Gate Shale
Ferron	1030'
Estimated T.D.	1230'
6. Samples will be collected at 10-foot intervals from surface to T.D.
7. After total depth is reached, fill hole with mud and run I.E.S. and Micro Caliper log to T.D. Circulate all gas out of mud prior to running casing.
8. Run and cement (with 2% CaCl₂) approximately 1230' of 4-1/2", O.D., 9.5#/foot, J-55, S.T.& C. casing. Cement should fill up approximately 300' above top of Ferron Sand.
9. Deviation surveys will be run at not more than 200-foot intervals. The deviation will be kept within one degree per 100' of hole drilled.
10. After 4-1/2" casing is run and cement hardened, intervals picked from the logs will be perforated. A sand-water, liquid CO₂ frac will be utilized after perforating.

EEL/chd
9-14-65